Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
Data File : BN027736.D
Acq On : 18 Sep 2023 16:14
Operator : MA/JU
Sample : PB155597BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155597BS

Quant Time: Sep 19 04:01:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 14:40:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	2002	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	5915	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	3789	0.400	ng	0.01
19) Phenanthrene-d10	17.393	188	12046	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	13489	0.400	ng	# 0.00
35) Perylene-d12	24.078	264	13663	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.546	112	2012	0.384	ng	0.00
5) Phenol-d6	7.163	99	2434	0.380	ng	0.00
8) Nitrobenzene-d5	9.209	82	1899	0.395	ng	0.00
11) 2-Methylnaphthalene-d10	12.415	152	3879	0.445	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	611	0.345	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	5226	0.405	ng	0.00
27) Fluoranthene-d10	19.421	212	13120	0.390	ng	0.00
31) Terphenyl-d14	20.006	244	11297	0.446	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	644	0.275	ng	# 70
3) n-Nitrosodimethylamine	3.769	42	956	0.333	ng	# 95
6) bis(2-Chloroethyl)ether	7.445	93	2202	0.350	ng	100
9) Naphthalene	10.885	128	5851	0.359	ng	96
10) Hexachlorobutadiene	11.109	225	1020	0.363	ng	# 97
12) 2-Methylnaphthalene	12.487	142	3589	0.314	ng	96
16) Acenaphthylene	14.373	152	5841	0.362	ng	99
17) Acenaphthene	14.715	154	4160	0.371	ng	97
18) Fluorene	15.693	166	6420	0.389	ng	100
20) 4,6-Dinitro-2-methylph...	16.847	198	63	0.338	ng	# 26
21) 4-Bromophenyl-phenylether	16.586	248	1980	0.323	ng	# 81
22) Hexachlorobenzene	16.661	284	2442	0.355	ng	98
23) Atrazine	16.847	200	1698	0.342	ng	# 92
24) Pentachlorophenol	17.033	266	12092	3.551	ng	99
25) Phenanthrene	17.443	178	12402	0.354	ng	100
26) Anthracene	17.530	178	10230	0.339	ng	99
28) Fluoranthene	19.453	202	16134	0.352	ng	99
30) Pyrene	19.820	202	16972	0.369	ng	100
32) Benzo(a)anthracene	21.560	228	16928	0.351	ng	99
33) Chrysene	21.614	228	18976	0.371	ng	99
34) Bis(2-ethylhexyl)phtha...	21.435	149	6864	0.302	ng	99
36) Indeno(1,2,3-cd)pyrene	26.721	276	20204	0.327	ng	100
37) Benzo(b)fluoranthene	23.303	252	18923	0.373	ng	# 90
38) Benzo(k)fluoranthene	23.355	252	18458	0.357	ng	# 88
39) Benzo(a)pyrene	23.966	252	15365	0.319	ng	# 83
40) Dibenzo(a,h)anthracene	26.738	278	16651	0.330	ng	93
41) Benzo(g,h,i)perylene	27.533	276	18376	0.335	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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